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SECRET

[redacted]

NPIC/R-1646/64
December 1964

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

[redacted] MISSION 3976

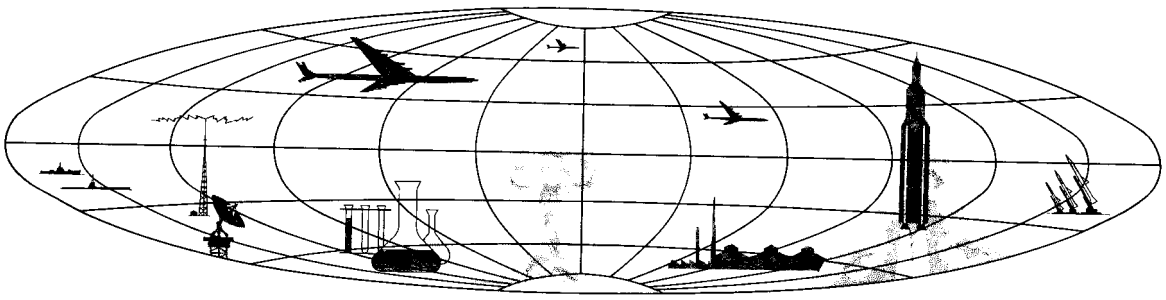
11 DECEMBER 1964

25X1A

CIA

DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
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25X1A

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [redacted] MISSION 3976, DATED 11 DEC 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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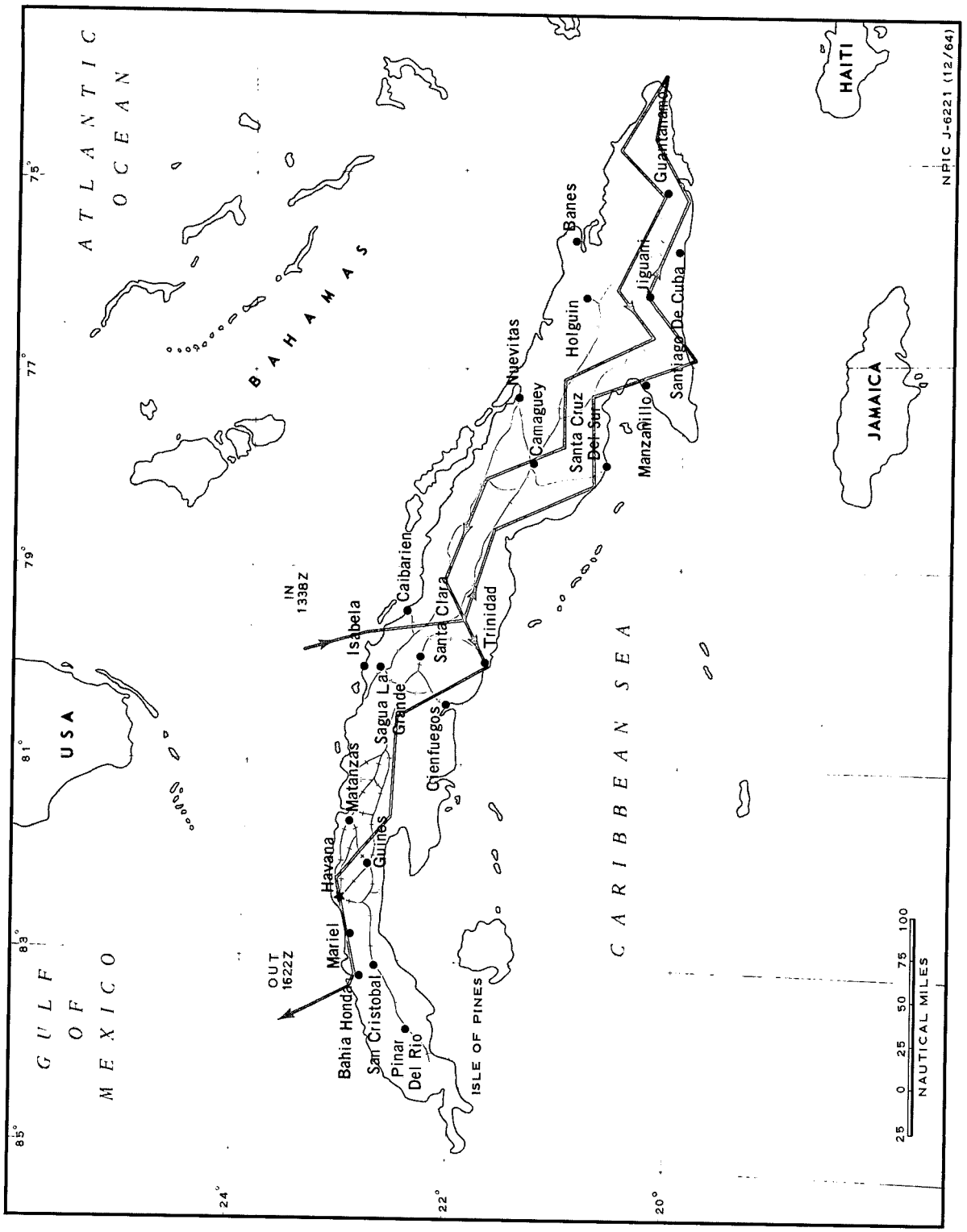
NPIC/R-1646/64



APPROXIMATE TRACK OF [redacted] MISSION 3976, 11 DECEMBER 1964.

25X1A

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MISSILES

25X1A

[redacted] SANTIAGO DE CUBA SAM SITE 1959N Ø7550W

SIX UNREVETTED PROBABLE LAUNCHERS, AT LEAST 6 PROBABLE MISSILE TRANSPORTERS, AT LEAST 1Ø OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D [redacted]

25X1A

[redacted] PUNTA BRAVA SAM SITE 2301N Ø8231W

SIX UNREVETTED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, 6 POSSIBLE VAN TRAILERS, 8 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. TWO ADDITIONAL LAUNCHERS, A RADAR, 5 VAN TRUCKS, AND 5 VAN TRAILERS REMAIN ADJACENT TO LAUNCH SITE.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

25X1A

[redacted] TORRENS SAM ASSEMBLY AREA 2257N Ø8227W

APPROXIMATELY 19 MISSILE TRANSPORTERS, APPROXIMATELY 2Ø CANISTERS, AND NUMEROUS UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED.

25X1D [redacted]

25X1A

[redacted] CAMPO FLORIDO SAM SITE 2309N Ø82Ø2W

SIX UNREVETTED LAUNCHERS, 5 MISSILE TRANSPORTERS, 3 VAN TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

25X1A

[redacted] GUANABACOA SAM SITE 2305N Ø8216W

FIVE PROBABLY OCCUPIED LAUNCH POSITIONS, 3 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED

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GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

25X1D
25X1A [redacted]

[redacted] SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

TWO REVETTED PROBABLE LAUNCHERS, AN UNDETERMINED NUMBER OF PROBABLE CRUISE-MISSILE CRATES, AND APPROXIMATELY 25 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT OBSERVED THROUGH HAZE.

25X1D [redacted]
25X1A

[redacted] CAMPO FLORIDO CRUISE-MISSILE SITE 2306N 08211W

TWO UNREVETTED LAUNCHERS, 8 CANVAS-COVERED PROBABLE CRUISE-MISSILE CRATES, 6 PROBABLE MISSILE TRANSPORTERS, 7 UNIDENTIFIED VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.

25X1D [redacted]

25X1A

AIR FACILITIES

[redacted]ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE PROBABLE C-47 AND 3 LIAISON.

25X1D [redacted]
25X1A

[redacted] SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08230W

AIRCRAFT -- 15 SMALL UNIDENTIFIED FIGHTERS OBSERVED IN CLOUD-FREE AREAS. FOUR FARMER OBSERVED IN FLIGHT HEADED WEST APPROXIMATELY 6.5 NM NORTH OF AIRFIELD AT 22-58N 082-32W.

25X1D [redacted]
25X1A

[redacted] JOSE MARTI INTERNATIONAL AIRFIELD 2259N 08224W

OPERATIONS AREA -- ONE PROBABLE CLEAT, 4 UNIDENTIFIED FOUR-ENGINE, AND 7 UNIDENTIFIED TWIN-ENGINE AIRCRAFT.

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MAINTENANCE AREA -- 5 UNIDENTIFIED FOUR-ENGINE AND 5 UNIDENTIFIED PROBABLE TWIN-ENGINE AIRCRAFT.

25X1D [redacted]

25X1A

[redacted] CAMPO LIBERTAD AIRFIELD 2305N 08226W

AIRCRAFT -- 10 COLT AND 5 LIAISON OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

[redacted] PLAYA BARACOA AIRFIELD 2302N 08234W

AIRCRAFT -- ONE CRATE, ONE C-47, 15 HOUND (9 WITHOUT ROTORS), 2 HARE, AND 2 BELL HELICOPTER OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

[redacted] JAIME GONZALES AIRFIELD 2209N 08024W

AIRCRAFT -- ONE C-47.

25X1D [redacted]

25X1A

[redacted] SANTA FE AIRFIELD 2304N 08230W

AIRCRAFT -- 12 ZLIN TRENER, ONE MORAVA L-200, AND 5 LIAISON OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

NAVAL ACTIVITY/PORTS

[redacted] MARIEL NAVAL BASE AND NAVAL AIR STATION 2259N 08244W

VESSELS -- 4 KOMAR-CLASS PTG AND ONE LARGE FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

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25X1A

[redacted] CABANAS NAVAL BASE 2258N 08258W

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE [redacted]

VESSELS -- 5 KOMAR-CLASS PT-G OBSERVED AT SEA APPROXIMATELY 4 NM NORTH.

25X1D [redacted]

25X1A

[redacted] CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- ONE KRONSHTADT-CLASS PC, ONE PCE, 5 P-6 MTB, ONE LARGE FREIGHTER, ONE LARGE TANKER, AND ONE COASTAL FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

[redacted] SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- ONE PROBABLE PF, ONE PROBABLE YP, 9 LARGE FREIGHTERS, 2 LARGE TANKERS, AND ONE COASTAL FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

[redacted] MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

[redacted] CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1D [redacted]

25X1A

[redacted] JUCARO PORT 2137N 07851W

NO LARGE VESSELS OBSERVED.

25X1D [redacted]

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25X1A

[redacted] HAVANA PORT 2307N 08220W

VESSELS -- 2 PROBABLE KRONSHTADT-CLASS PC, 6 POSSIBLE S.O.1-CLASS SC, 3 KOMAR-CLASS PTG (ONE ON MARINE RAILWAY), 23 LARGE FREIGHTERS (2 IN DRYDOCK), AND 9 PROBABLE TRAWLERS OBSERVED IN CLOUD-FREE AREAS.

25X1D [redacted]

25X1A

MILITARY ACTIVITY

[redacted] GUANTANAMO AREA 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREAS -- 1, 2, 3, 4, AND 7 -- NO USABLE COVERAGE.
AREAS -- 5, 6, 8, AND 9 -- 5 PERCENT USABLE COVERAGE.

25X1D [redacted]

25X1A

[redacted] EL CRISTO MILITARY INSTALLATION 2008N 07547W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-FIVE CARGO TRUCKS, ONE OTHER VEHICLE, AND 6 FA PIECES OBSERVED.

25X1D [redacted]

25X1A

[redacted] CAMPO FLORIDO MILITARY CAMP 2307N 08206W

TWENTY TANKS/SP GUNS AND 11 CARGO TRUCKS OBSERVED IN HAZE-FREE AREAS.

25X1D [redacted]

25X1A

[redacted] BAJURAYABO MILITARY CAMP 2308N 08210W

SIXTEEN CARGO TRUCKS, 12 FA PIECES, 2 POSSIBLE AAA PIECES, AND 5 SMALL UNIDENTIFIED VEHICLES OBSERVED.

25X1D [redacted]

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25X1A

[redacted] MINAS MILITARY CAMP JESUS MARIA FINCA 2306N 08211W

NO APPARENT CHANGE IN PERMANENT FACILITIES.
AT LEAST 9 LARGE NON-SOVIET TENTS HAVE BEEN
ERECTED ON WEST EDGE OF CAMP. AT LEAST 75
UNIDENTIFIED VEHICLES AND APPROXIMATELY 30 FA PIECES
OR MORTARS OBSERVED.
HAZE LIMITS INTERPRETATION.

25X1D [redacted]

25X1A

[redacted] TRINIDAD AREA POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 23 CARGO TRUCKS AND AT LEAST 12 FA
PIECES OBSERVED.

25X1D [redacted]

25X1A

[redacted] ANTON RECIO MILITARY INSTALLATION 2211N 08036W

AT LEAST 23 UNIDENTIFIED VEHICLES OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED. AT LEAST
13 PROBABLE CARGO TRUCKS AND 12 PROBABLE AAA PIECES
OBSERVED AT SITE.

25X1D [redacted]

25X1A

[redacted] DOS CAMINOS MILITARY CAMP 2014N 07547W

NO APPARENT CHANGE IN FACILITIES.
FIFTY-FIVE PROBABLE CARGO TRUCKS, AT LEAST 20 OTHER
VEHICLES, 37 FA PIECES, AND 6 AAA PIECES OBSERVED.
THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D [redacted]

25X1A

[redacted] HAVANA MILITARY CAMP COJIMAR 2309N 08215W

THIRTEEN CANVAS-COVERED SA-2 MISSILE TRANSPORTERS,
6 POSSIBLE SA-2 MISSILE TRANSPORTERS, AND NUMEROUS
OTHER VEHICLES OBSERVED IN CLOUD-FREE AREA.

25X1D [redacted]

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MILITARY CONVOY, HAVANA AREA 2302N 08221W

25X1D 5.6 NM SOUTH OF HAVANA PORT AND 1.6 NM EAST OF PARCELACION MODERNA [redacted] FORTY-THREE POSSIBLE TANKS/SP GUNS AND 5 UNIDENTIFIED VEHICLES (3 TOWING POSSIBLE UNIDENTIFIED TRAILERS) OBSERVED IN CONVOY FORMATION HEADED EAST ALONG 4 LANE HIGHWAY FROM ROSARIE TO PARCELACION MODERNA. HAZE LIMITS INTERPRETATION.
(SERIES E723 SHEET 3785-III, ED 4)

25X1D [redacted]

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

25X1A [redacted]

SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2005N 07509W
SANTIAGO DE CUBA EW/GCI RADAR SITE	1959N 07551W
PUNTA MAISI LOW-SIEVE RADAR SITE	2015N 07409W
RANCHO LUNA LOW-SIEVE RADAR	2202N 08025W
LA SOCAPA LOW-SIEVE RADAR SITE	1958N 07552W
MARIEL MILITARY CAMP LOMA GOBERNADORA	2256N 08251W
GUANABO MILITARY AREA	2311N 08203W
JURAGUA MILITARY ACTIVITY	2209N 08035W
SPECIAL AREA HOTEL	2301N 08248W
SPECIAL AREA TANGO	2259N 08244W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
TARARA LANDING BEACH	2310N 08212W
CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A [redacted]

GUANAJAY IRBM SITE 1	2257N 08239W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
MALDONADO SAM SITE	2012N 07528W
GUARA SAM SITE	2248N 08213W
MARIEL SAM SITE 2	2300N 08248W
HOLGUIN AIRFIELD	2047N 07618W
BAYAMO AIRFIELD EAST	2022N 07637W
CAIBARIEN AIRFIELD	2230N 07928W
BAYAMO AIRFIELD	2023N 07637W
CAIBARIEN PORT	2231N 07928W
BEJUCAL FIELD COMMUNICATIONS CENTER	2255N 08222W
HAVANA EW/GCI RADAR SITE COJIMAR	2308N 08219W
CIEGO DE AVILA EW/GCI RADAR SITE LA GRANJA	2152N 07846W
HOLGUIN MILITARY CAMP	2053N 07613W
OFELIA MILITARY CAMP	2006N 07530W
ALTO CEDRO MILITARY CAMP	2029N 07600W
SANTIAGO DE LAS VEGAS MILITARY CAMP	2258N 08220W
TORRENS MILITARY COMPLEX	2259N 08227W
CAMAGUEY MILITARY CAMP	2126N 07753W
GUANABACOA MILITARY AREA	2307N 08215W
HAVANA MILITARY CAMP CALABAZAR	2300N 08218W

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25X1A

[redacted]

EL CHICO MILITARY AREAS	2300N 08226W
HOLGUIN MILITARY CAMP NW	2057N 07616W
GUANAJAY MILITARY CAMP MARTIN MESA	2257N 08243W
TAPASTE STORAGE AREAS	2302N 08207W
SANTIAGO DE LAS VEGAS MILITARY CAMP SOUTH	2257N 08223W
SAN FRANCISCO DE PAULA AMMO STORAGE AREA	2303N 08218W
BEJUCAL AMMUNITION STORAGE	2256N 08223W
SPECIAL AREA ALPHA WHITE	2259N 08225W
SPECIAL AREA BRAVO BLUE	2253N 08232W
SPECIAL AREA VICTOR	2302N 08235W
SPECIAL AREA JULIET	2301N 08240W
SIBONEY LANDING BEACH	1957N 07542W
MAR VERDE LANDING BEACH	1957N 07557W

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